

Harford County Area, Maryland
Table K2.--Soil Features

Print date: 08/19/2002

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
AdA: Aldino-----	Bedrock (paralithic)	In 40-40	In ---	---	In 0	In ---			
AdB: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
AdC: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
AsB: Aldino-----	Bedrock (paralithic)	40-40	---	---	0	---	High	High	High
Av: Alluvial Land-----	---	---	---	---	0	---	High	High	High
BaA: Baile-----	---	---	---	---	0	---	High	High	High
BaB: Baile-----	---	---	---	---	0	---	High	High	High
BeA: Beltsville-----	---	---	---	---	0	---	High	High	High
BeB: Beltsville-----	---	---	---	---	0	---	High	High	High
BeC: Beltsville-----	---	---	---	---	0	---	High	High	High
BrC2: Brandywine-----	---	---	---	---	0	---	Low	Low	High
BrD3: Brandywine-----	---	---	---	---	0	---	Low	Low	High
BrE3: Brandywine-----	---	---	---	---	0	---	Low	Low	High

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
CcA: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CcB2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CcC2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CgB2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CgC2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
CgD2: Chester-----	---	---	---	---	0	---	Moderate	Low	High
ChB2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
CkC2: Chillum-----	---	---	---	---	0	---	High	Moderate	High
Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
CrE: Chrome-----	Bedrock (lithic)	20-40	---	---	0	---	Moderate	High	Low
Cu: Codorus-----	---	---	---	---	0	---	High	High	Moderate
Cv: Comus-----	---	---	---	---	0	---	Moderate	Low	High
Cx: Cut And Fill Land-----	---	10-10	---	---	0	---	None	---	---
DcA: Delanco-----	---	---	---	---	0	---	High	High	High
DcB: Delanco-----	---	---	---	---	0	---	High	High	High
EhB2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
EhC2: Elioak-----	---	---	---	---	0	---	Moderate	High	Moderate
En: Elkton-----	---	---	---	---	0	---	Moderate	High	High
EsA: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EsB2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EsC2: Elsinboro-----	---	---	---	---	0	---	Moderate	Moderate	High
EvC: Evesboro-----	---	---	---	---	0	---	Low	Low	High
Fs: Fallsington-----	---	---	---	---	0	---	Moderate	High	High
GcB2: Gleneig-----	---	---	---	---	0	---	Moderate	Low	High
GcC2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcC3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcD2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GcD3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgB2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgC2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgC3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GgD2: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
GgD3: Glenelg-----	---	---	---	---	0	---	Moderate	Low	High
GnA: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
GnB: Glenville-----	---	60-99	---	---	0	---	High	High	Moderate
Hb: Hatboro-----	---	---	---	---	0	---	High	High	Moderate
JpB: Joppa-----	---	---	---	---	0	---	Low	Low	High
JpC: Joppa-----	---	---	---	---	0	---	Low	Low	High
KeB: Kelly-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	High	High
KeC2: Kelly-----	Bedrock (lithic)	42-60	---	---	0	---	High	High	High
KfD: Kelly-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Low	Moderate
KpA: Keyport-----	---	---	---	---	0	---	High	High	High
KpB: Keyport-----	---	---	---	---	0	---	High	High	High
KrA: Kinkora-----	---	---	---	---	0	---	High	High	High
KrB: Kinkora-----	---	---	---	---	0	---	High	High	High
LeB2: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LeC2: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LeD2: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
LeE: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LfC: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LfD: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LfE: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LgC3: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
LgD3: Legore-----	---	---	---	---	0	---	Moderate	Moderate	Moderate
Lr: Leonardtown-----	---	---	---	---	0	---	High	High	High
LyB: Loamy And Clayey Lan---	---	---	---	---	0	---	Low	High	High
LyD: Loamy And Clayey Lan---	---	---	---	---	0	---	Low	High	High
LyE: Loamy And Clayey Lan---	---	---	---	---	0	---	Low	High	High
MbB2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbC2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbC3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbD2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MbD3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McB2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
McC2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McC3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McD2: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
McD3: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MdE: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MfE: Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MgC: Glenelg-----	---	---	---	---	0	---	Moderate	Low	Moderate
Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MgD: Glenelg-----	---	---	---	---	0	---	Moderate	Low	Moderate
Manor-----	---	---	---	---	0	---	Moderate	Low	Moderate
MkA: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MkB: Matapeake-----	---	---	---	---	0	---	Moderate	Moderate	High
MlA: Mattapex-----	---	---	---	---	0	---	Moderate	High	High
MlB: Mattapex-----	---	---	---	---	0	---	Moderate	High	High
MsA: Montalto-----	---	---	---	---	0	---	Moderate	High	High
MsB2: Montalto-----	---	---	---	---	0	---	Moderate	High	High

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Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
MsC2: Montalto-----	---	---	---	---	0	---	Moderate	High	High
NeA: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
NeB2: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
NeC2: Neshaminy-----	Bedrock (lithic)	48-99	---	---	0	---	Moderate	Moderate	Moderate
NsC: Montalto-----	---	---	---	---	0	---	Moderate	High	High
Neshaminy-----	Bedrock (lithic)	48-48	---	---	0	---	Moderate	Moderate	Moderate
NsD: Montalto-----	---	---	---	---	0	---	Moderate	High	High
Neshaminy-----	Bedrock (lithic)	48-48	---	---	0	---	Moderate	Moderate	Moderate
NsE: Montalto-----	---	---	---	---	0	---	Moderate	High	High
Neshaminy-----	Bedrock (lithic)	48-48	---	---	0	---	Moderate	Moderate	Moderate
Ot: Othello-----	---	---	---	---	0	---	Moderate	High	High
Sa: Sand And Gravel Pits---	---	---	---	---	0	---	None	---	---
ShB2: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
ShC2: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SlB2: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SlC2: Sassafras-----	---	---	---	---	0	---	Moderate	Low	High

Table K2.--Soil Features--Continued

Map symbol and soil name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top	Thickness	Hardness	Initial	Total		Uncoated steel	Concrete
		In	In		In	In			
SsD: Joppa-----	---	---	---	---	0	---	Low	Low	High
Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
SsE: Joppa-----	---	---	---	---	0	---	Low	Low	High
Sassafras-----	---	---	---	---	0	---	Moderate	Low	High
St: Stony Land-----	---	---	---	---	0	---	Moderate	Low	Moderate
Sw: Swamp-----	---	---	---	---	6-12	18-32	High	High	High
Tm: Tidal Marsh-----	---	---	---	---	0	---	None	High	High
WaA: Watchung-----	---	---	---	---	0	---	High	High	Moderate
WaB: Watchung-----	---	---	---	---	0	---	High	High	Moderate
WcB: Watchung-----	---	---	---	---	0	---	High	High	Moderate
WhB: Whiteford-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Low	Moderate
WhC2: Whiteford-----	Bedrock (lithic)	40-60	---	---	0	---	Moderate	Low	Moderate
WoB: Woodstown-----	---	---	---	---	0	---	Moderate	Moderate	High

